

Summer, 2006 Final Temperature Forecast for Philadelphia International Airport
in degrees Fahrenheit

The forecast mean summer temperature is:	67% confidence interval is:	90% confidence interval is:
76.0	74.7 - 77.2	73.6 - 77.9

The normal summer temperature at PHL is 75.4 degrees.

The above forecast is from a multiple linear regression equation that was derived from data from 1950 through 2004 that came from the Climate Prediction Center (CPC) in Washington, D.C. and Philadelphia International Airport (PHL). It was found that the combination of the Julian date of the first heat wave of the season at PHL, the April mean minimum temperature at PHL, and the Oceanic Nino Index for February through April as computed by CPC explained approximately 37 percent of the variance in mean summer temperatures.

Summer is defined as meteorological summer, i.e., the months of June through August. A heat wave is defined as at least three consecutive days with maximum temperatures of at least 90 degrees Fahrenheit. We expect the first heat wave of the 2006 warm season to begin by July 15.

The Oceanic Nino Index is an indicator of the strength of any current El Nino or La Nina. More information on the index is available from the Climate Prediction Center (<http://www.cpc.noaa.gov>).